



COMPOUND 70

MULTI-PURPOSE SILICONE GREASE

TECHNICAL DATA SHEET



NON-CORROSIVE



LOW ODOR



SOLVENT-FREE

ASI Compound 70 Multi-Purpose Silicone Grease is a moisture resistant, non-curing paste which retains its consistency and properties over a temperature range of -70°F to 400°F. This stiff, tacky compound is non-melting and retains its properties over extended periods of use. ASI Compound 70 has excellent dielectric properties and is highly water repellent and resistant to oxidation. ASI Compound 70 can be used as a release agent, lubricant, dielectric grease, water repellent, corrosion protectant and applications where resistance to thermal degradation or electrical insulation are needed.

COMMON APPLICATIONS:

ASI Compound 70 is an excellent sealant/adhesive for many Commercial, Industrial and Construction applications. Common applications include:

- OEM Applications
- Dielectric Grease
- Mold Release Agent for Foundry Shell and Core Molds
- Release Agent for Plastic Extrudes
- Corrosion Protection for Copper Conductors, Battery Terminals and Device Leads
- General Construction
- Cable Pulling Lubricant
- General Industrial Applications
- Mild Chemical Barrier Coating
- Disconnect Junctions in Electrical Wiring Systems
- Mold Release Agent for Plastic and Rubber Parts
- Moisture Proof Sealing
- Lubricant For Bearings, Bushings, Gears and Chains

Can be used for other various applications depending upon substrate. Test all substrates before use.

FEATURES

- Excellent Long Term Water Resistance
- Retains Consistency From -70°F to 400°F
- Silicone Based Grease
- Compatible With Rubbers & Plastics
- Resists Water Washout & Spray
- Resistant To A Variety Of Chemicals
- Protects Against Oxidation & Corrosion
- Resistant To Thermal Degradation
- Excellent Dielectric Properties
- Insulates & Protects Electronic Components
- Excellent Lubricant With Water Resistance
- Remains A Thick Paste, Easy To Use

CONFORMS, MEETS & EXCEEDS

- SAE-AS-8660
- FDA-CFR-21-178.3570



Physical Properties	Test Method	Result
NLGI Grade	DIN 51818	2
Specific Gravity	ASI Test Method	0.99
Water Spray Off	ASTM D4049	4%
Evaporation, 24 hours, 200°C	ASI Test Method	< 1%
Bleed, 24 hours, 200°C	ASI Test Method	< 2%
Penetration Unworked	ASTM D217	270
Penetration (Worked 60x)	ASTM D217	285
Dielectric Strength, 0.01 Gap	ASTM D149	< 700 (Volts/Mil)
Volume Resistivity	ASTM D257	1.8×10^{14}
Dielectric Constant, 1000 Hz	ASTM D150	3.0
Dielectric Factor, 1000 Hz	ASTM D150	.0016
Arc Resistance, RT	ASTM D495	120 (sec)

Information on this data sheet can change without notice and it is therefore not recommended that these figures be used in spec writing. If you have any questions contact manufacturer's sales and technical service department.

COMPOUND **ASI 70** MULTI-PURPOSE **SILICONE GREASE**

COLORS

ASI Compound 70 is naturally translucent white.

PACKAGING

ASI Compound 70 is available in 2.8 oz. squeeze tubes, 5 oz. squeeze tubes, 40 lb. pails and 440 lb. drums. Inquire to ASI sales staff for additional information.

DIRECTIONS

ASI Compound 70 is ready to use. Make sure the substrate is clean and dry.

CLEAN UP

ASI Compound 70 can be removed by wiping away excess grease. If additional removal of residue is needed use a solvent such as alcohol and wipe clean.

CAUTION/SAFETY

Please refer to the SDS for the corresponding product for information regarding safety and handling.

TESTING

Test per application requirement. Inquire to ASI Technical Services for additional information.

STORAGE

When stored at 70°F and 50% RH, ASI 504 has a shelf-life of 12 months from date of shipment in all packages.

WARRANTY LIMITATIONS

The information and data contained herein is believed to be accurate and reliable; however, it is the user's responsibility to determine suitability of use. Since the supplier cannot know all the uses, or the conditions of use to which these products may be exposed, no warranties concerning the fitness or suitability for a particular use or purpose are made. It is the user's responsibility to thoroughly test any proposed use of our products and independently conclude satisfactory performance in the application. Likewise, if the application, product specifications or manner in which our products are used requires government approval or clearance, it is the sole responsibility of the user to obtain such authorization. Because the storage, handling and application of the material is beyond ASI's control, we can accept no liability for the results obtained. ASI's sole limited warranty is that the product meets the manufacturing specifications in effect at time of shipment. There is no warranty of merchantability or fitness for use, nor any other express or implied warranty. ASI will not be liable for incidental or consequential damages of any kind. The exclusive remedy for breach of such limited warranty is a refund of purchase price or replacement of any product shown to be other than as warranted. Suggestions of uses should not be taken as inducements to infringe upon any patents.



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